

Title (en)

METHOD FOR THE CONTINUOUS PREPARATION OF POLYAMIDE PREPOLYMERS

Title (de)

VERFAHREN ZUR KONTINUIERLICHEN HERSTELLUNG VON POLYAMID-PREPOLYMEREN

Title (fr)

PROCEDE DE PREPARATION EN CONTINU DE PREPOLYMERES DE POLYAMIDES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2022101581A1] The present invention relates to a method for continuously preparing a polyamide prepolymer of which the solution viscosity is from 0.25 dl/g to 0.70 dl/g, as measured according to ISO 307:2007 in m-cresol at 20° C, the method being characterized in that it comprises a step of polycondensation on the basis of one or more polyamide precursor monomers, said polycondensation step being carried out in an extruder comprising at least two co-rotating conveying screws, the at least one monomer being previously fed therein in solid or liquid form without being dissolved in a solvent or in water, and said polycondensation step being carried out without extraction of the water formed during said polycondensation.

IPC 8 full level

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